

### **What is claimed is:**

**[Claim 1]** A device, vehicle courteous message display, primarily includes a remote control with a small keypad and an electronic LED display panel box. The LED display panel box mainly comprises a single receiving device, read/write memories, and a visual display panel with a LED (Light Emitting Diode) matrix. When the remote control sends an electronic signal, triggering a pulse to the LED display panel box, there are two intents of the signal: either to program a new message or to display a programmed message. Sets of signs, phrases, words, and numbers can be programmed and edited with a small remote control and saved in the memory of the LED display panel box. Preprogrammed message can be actuated and displayed on the LED display panel with the same remote control.

**[Claim 2]** A device, vehicle courteous message display, according to claim 1, wherein multiple choices for a message display, such as page-by-page displaying with timing selection or scrolling with different speeds are supplied.

**[Claim 3]** A device, vehicle courteous message display, according to claim 1, wherein the small and handy remote control may be put anywhere within easy access to the driver. The layout of the keypad on the remote control is designed to be similar with a keypad of a cellular phone. Each button represents a few characters when programming or editing a message. On the other hand, the button also acts as the number of a specific preprogrammed message in the displaying mode. LED lighting number on the backside of LED display panel box is used to show a driver when and which message is displayed. There may be a small display screen like LCD on the remote control to show the same message as that displayed on the display panel. The control signal can be transmitted through wire or wireless transportation.

**[Claim 4]** A device, vehicle courteous message display, according to claim 1, wherein its method may be embodied in original vehicle manufacturing or in an aftermarket product in a manner so that the driver may easily determine.

**[Claim 5]** A device, vehicle courteous message display, according to claim 1, wherein the power used for both remote control and the electronic LED

display panel box can be either battery or power outlet supplied in a vehicle. Voltage adaptor can also be used when needed.

**[Claim 6]** A device, vehicle courteous message display, according to claim 1, wherein the LED display panel box can be seated on the dashboard behind of rear window with two pieces of double side foam tape or Velcro. Otherwise, four small suction cups are used to attach it on the rear or side window of an automobile.

**[Claim 7]** A device, vehicle courteous message display, according to claim 1, wherein the means of the display can be made of LED (Light Emitting Diode) or any other light-emitting elements. An array of light emitting elements can be laid out in multi-line or other patterns.

**[Claim 8]** A device, vehicle courteous message display, according to claim 6, wherein light intensity sensor, which provide different levels of visual intensity for a display, may be equipped.